

ABSTRACT

The present invention provides a pigment dispersion composition which can be suitably applied in such fields as 5 color filters, black matrices and ink jet recording where it is necessary to disperse pigments still more finely and which can retain good dispersion stability and temporal stability even when the total amount to be used of at least one species selected from the group consisting of a pigment 10 derivative, pigment intermediate, colorant derivative and colorant intermediate, and a pigment dispersant is small. Another object is to provide a pigment dispersion-based resist composition which can give color filters high in permeability, excellent in contrast and the like and 15 causing no breeding or black matrices high in light-shielding and insulating properties, and causing no breeding.

The present invention relates to a pigment dispersion composition which is prepared by dispersing a pigment using 20 at least one species selected from the group consisting of a pigment derivative, pigment intermediate, colorant derivative and colorant intermediate each having a functional group reactive with a carbodiimide group and having adsorption ability on the pigment surface, and a 25 carbodiimide compound containing at least one carbodiimide group.